EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	("20070289957").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/14 17:07
S2	590	B23K26/08.ipc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/14 17:08
S3	2987	((219/121.67) or (219/121.7) or (219/121.71) or (219/121.72)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/14 17:21
S4	1587	((219/121.78) or (219/121.82)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/14 17:21
S5	1100	(219/121.84).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/14 17:21
S6	955	(219/121.83).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/14 17:22
S7	1	S3 and S4 and S5 and S6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/14 17:30
S8	825	(219/121.78).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/14 17:32
S9	852	(219/121.82).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/14 17:32

S11	19	S3 and S9 and S6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/14 17:34
S12	217	S3 and S9	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/14 17:35
S13	9419846	first laser and second laser	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/14 17:41
S14	7012088	sensor or sensing or sense or detect$3 or monitor$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/14 17:50
S15	122217	(drill$4 or hole or bore) same die	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/14 17:52
S16	22276	S15 and S14	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/14 17:52
S17	9419846	first laser and second laser	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/14 17:53
S18	19180	S17 and S16	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/14 17:53
S19	2987	((219/121.67) or (219/121.7) or (219/121.71) or (219/121.72)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/14 17:54
S20	852	(219/121.82).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/14 17:54

S21	217	S19 and S20	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/14 17:54
S22	6	S21 and S18	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/14 17:54
S23	9929	laser with die	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/14 17:56
S24	22558	laser with drill$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/14 17:57
S25	799	S23 and S24	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/14 17:58
S26	117534	lasers same (cut$4 or drill $4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/14 18:01
S27	823848	die	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/14 18:02
S28	19640	S26 and S27	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/14 18:02
S29	2987	((219/121.67) or (219/121.7) or (219/121.71) or (219/121.72)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/15 11:33
S33	852	(219/121.82).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/15 11:48

S34	9419846	first laser same second laser	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/15 12:32
S35	1920496	die or dies or molds or mold or (die adj casting) or (die adj casts) or (die adj cast) or (die adj casted)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/15 12:48
S36	855253	S34 and S35	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/15 12:49
S37	3332	((219/121.67) or (219/121.7) or (219/121.71) or (219/121.72) or (219/121.76)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/15 11:34
S38	300	(700/166).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/15 11:34
S39	1117	((219/121.61) or (219/121.62)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/15 11:34
S40	1100	(219/121.84).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/15 11:47
S41	1100	S40	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/15 11:47
S42	955	(219/121.83).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/15 11:47
S43	955	S42	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/15 11:47

S44	825	(219/121.78).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/15 11:48
S45	825	S44	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/15 11:48
S46	852	(219/121.82).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/15 11:48
S48	1	S37 and S44 and S46 and S39	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/15 12:03
S49	2	("5073687").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/15 12:21
S50	2	("5093548").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/15 12:22
S51	2	("5103073").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/15 12:22
S52	2	("5126532").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/15 12:22
S53	2	("6462306").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/15 12:23
S54	2	("20020056291").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/15 12:23

S57	395	S37 and S93	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/15 12:51
S58	88983	(first with laser) same (second with laser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/15 12:53
S59	2987	((219/121.67) or (219/121.7) or (219/121.71) or (219/121.72)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/15 12:59
S60	2987	S59	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/15 12:59
S61	1920496	die or dies or molds or mold or (die adj casting) or (die adj casts) or (die adj cast) or (die adj casted)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/15 12:59
S62	374	S60 and S61	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/15 12:59
S63	8637206	sensor or optical or optic$4 or sens$4 or detector or detect$4 or monitor$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/15 16:17
S64	88983	(first with laser) same (second with laser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/15 16:24
S65	88983	S64	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/15 16:24
S66	73418	S63 and S64	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/15 16:24

S67	10481657	controls or controlled or controller or controlling	US-PGPUB; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/15 16:26
S68	3924836	sensors or detectors or monitors	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/15 16:30
S69	1971868	controller or controllers	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/15 16:31
S70	88983	(first with laser) same (second with laser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/15 16:32
S71	88983	S70	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/15 16:32
S72	12566	S68 and S69 and S70	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/15 16:33
S73	7221157	hole or bore or opening	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/15 16:34
S74	1920496	die or dies or molds or mold or (die adj casting) or (die adj casts) or (die adj cast) or (die adj casted)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/15 16:34
S75	1920496	S74	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/15 16:34
S76	983	S72 and S73 and S74	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/15 16:35

S77	5549	S72 and S73	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/15 16:36
S78	22	("4789770" | "4820899" | "4839497").PN. OR ("5126532").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/15 16:55
S79	2	("4839497").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/15 17:17
S80	2	("4789770").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/15 17:18
S81	72	("3485996" | "3689159" | "4044222" | "4238741" | "4240094" | "4466739" | "4501787" | "4504727" | "4532400" | "4536108" | "4544442" | "4550240" | "4695697").PN. OR ("4789770").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/15 17:20
S82	2	("4501787").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/15 17:25
S83	2	("4536108").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/15 17:26
S84	5	("4240094").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/15 17:26
S85	3	("4044222").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/15 17:26
S86	2	("4532400").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/15 17:27

S88	38754	multiple with laser	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/15 17:28
S89	2	("4532400").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/15 17:28
S90	2	("4544442").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/15 17:28
S91	2	("4504727").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/15 17:29
S92	2	("4653903").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/15 17:29
S93	2987	((219/121.67) or (219/121.7) or (219/121.71) or (219/121.72)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/15 17:49
S94	31	S93 and S76	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/15 17:49
S95	300	(700/166).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/15 17:56
S96	300	S95	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/15 17:56
S97	61	S93 and S96	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/15 17:56

S98	297262	workpiece	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/15 18:00
S99	3495961	gas	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/15 18:07
S100	2	("6937921").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/15 18:11
S101	2	("6122564").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/15 18:13
S102	520256	(sensors or detectors or monitors) same controllers	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/15 18:36
S103	88983	S70	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/15 18:37
S104	88983	S70	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/15 18:38
S105	1163837	(lasers or S70)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/15 18:39
S106	64087	S102 and S105	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/15 18:39
S107	2863	S93 and S105	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/15 18:40

S108	290	S95 and S105	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/15 18:41
S109	697838	S73 and S74	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/15 18:41
S110	3633290	axes or axis or ((multiple or multi) adj2 axis)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/15 18:43
S111	231082	S110 and S109	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/15 18:44
S112	3966	S106 and S111	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/15 18:45
S113	1587	((219/121.78) or (219/121.82)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/15 18:47
S114	299	S113 and S93	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/15 18:47
S115	3	S112 and S114	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/15 18:47
S116	24	S95 and S111	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/15 18:48
S117	172	S93 and S111	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/15 18:48

S118	825	(219/121.78).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/15 18:49
S119	24	S118 and S111	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/15 18:49
S120	955	(219/121.83).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/15 18:49
S121	39	S120 and S111	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/15 18:49
S122	1100	(219/121.84).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/15 18:49
S123	37	S122 and S111	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/15 18:49
S124	852	(219/121.82).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/15 18:56
S125	1117	((219/121.61) or (219/121.62)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/15 18:57
S127	127	S72 and S93	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/15 18:57
S128	57	S72 and S95	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/15 18:58

S129	121	S72 and S113	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/15 18:58
S130	61	S72 and S118	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/15 18:58
S131	117	S72 and S120	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/15 18:58
S132	44	S72 and S122	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/15 18:58
S133	70	S72 and S124	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/15 18:58
S134	12566	S72 and S72	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/15 18:59
S135	93	S72 and S125	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/15 18:59
S136	6	S162 and S163 and "29"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/16 10:56
S137	1164617	(first ADJ3 laser) or (second ADJ3 laser) or (two ADJ3 lasers) or lasers	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/16 10:39
S138	2014879	die$1 or mold$1 or cast$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/16 10:41

S139	3926971	sensors or detectors or monitors	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/16 10:44
S140	3926971	S139	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/16 10:44
S141	1973191	controller or controllers	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/16 10:44
S142	1973191	S141	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/16 10:44
S143	89055	(first with laser) same (second with laser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/16 10:45
S144	89055	S143	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/16 10:45
S145	84235	(first with laser) with (second with laser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/16 10:45
S146	300	(700/166).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/16 10:45
S147	300	S146	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/16 10:45
S148	2991	((219/121.67) or (219/121.7) or (219/121.71) or (219/121.72)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/16 10:46

S149	2991	S148	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/16 10:46
S150	852	(219/121.82).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/16 10:46
S151	852	S150	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/16 10:46
S152	1117	((219/121.61) or (219/121.62)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/16 10:46
S153	1117	S152	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/16 10:46
S154	825	(219/121.78).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/16 10:47
S155	825	S154	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/16 10:47
S156	955	(219/121.83).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/16 10:47
S157	955	S156	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/16 10:47
S158	24370	B23K26/00	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/16 10:48

S159	20894	S137 and S158	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/16 10:48
S160	30	S137 and S138 and S139 and S140 and S141 and S158	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/16 10:50
S161	76073	(first ADJ3 laser) or (second ADJ3 laser) or (two ADJ3 lasers)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/16 10:55
S162	375	S161 with S138	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/16 10:55
S163	6277	S161 with S139	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/16 10:55
S164	1471	S161 with S141	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/16 10:56
S165	1	S162 and S163 and S164	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/16 10:56
S166	34437	motion with S141	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/16 11:34
S167	895	S161 and S166	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/16 11:34
S168	271974	(hole$1 or bore$1 or drill $40) same S138	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/16 11:39

S169	867	S161 and S168	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/16 11:39
S170	846353	S139 and S141	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/16 11:40
S171	148	S170 and S169	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/16 11:41
S172	91	S171 and gas	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/16 11:41
S173	1100	(219/121.84).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/16 11:43
S174	1100	S173	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/16 11:43
S175	3	S171 and S174	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/16 11:44
S176	773033	mold$1 or (die adj cast $4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/16 11:47
S177	2	S154 and S156 and S152 and S150	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/16 11:48
S178	24	S152 and S176	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/16 11:51

S179	113	mold$1 and S148	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/16 11:54
S180	3	(die adj cast$4) and S148	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/16 11:57
S181	665	S148 and S139	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/16 12:01
S182	36305	S161 and S139	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/16 12:05
S183	308	S182 and S148	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/16 12:06
S184	1973191	controllers or (motion adj controllers)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/16 12:07
S185	148	S183 and S184	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/16 12:08
S186	846353	S139 and S184	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/16 12:13
S187	10	S152 and S154 and S156	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/16 12:13
S188	2	("4789770").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/16 12:23

S189	2	("6281471").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/16 12:43
S190	2	("6498319").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/16 12:44
S192	12168	(high or low) with(clock adj frequency)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/16 13:42
S193	76073	(first ADJ3 laser) or (second ADJ3 laser) or (two ADJ3 lasers)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/16 13:44
S194	3	S193 same S192	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/16 13:44
S195	2975	(clock adj frequency) with controller	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/16 14:04
S196	300	(700/166).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/16 14:07
S198	2991	((219/121.67) or (219/121.7) or (219/121.71) or (219/121.72)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/16 14:07
S200	70786	(clock adj frequency)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/16 14:08
S201	4	S198 and S200	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/16 14:08

S202	6	S200 and S196	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/16 14:12
S203	852	(219/121.82).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/16 14:14
S204	852	S203	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/16 14:14
S205	1117	((219/121.61) or (219/121.62)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/16 14:14
S206	1117	S205	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/16 14:14
S207	825	(219/121.78).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/16 14:14
S208	825	S207	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/16 14:14
S209	955	(219/121.83).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/16 14:14
S210	955	S209	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/16 14:14
S211	1	S200 and S209	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/16 14:15

S212	2	S200 and S207	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/16 14:15
S213	4	S200 and S205	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/16 14:15
S214	14	"5054912"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/16 14:37
S215	2	("20020134772").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/16 16:38
S216	2	("20030006221").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/16 16:39
S217	91	((US-20070289957-$ or US-20080310991-$ or US- 20080073438-$ or US- 20060099810-$ or US- 20050240299-$ or US- 20020056291-$ or US- 20040024485-$ or US- 20040222197-$ or US- 20060091126-$ or US- 20060054605-$ or US- 20050199598-$ or US- 20030222057-$ or US- 20020190435-$ or US- 20020149136-$ or US- 20050067391-$ or US- 20050174230-$ or US- 20050180482-$ or US- 20090057281-$ or US- 20080296275-$ or US- 20090065902-$ or US- 20090070887-$ or US- 20080035614-$ or US- 20080035618-$ or US- 20090095722-$ or US- 20090097514-$ or US- 20030052104-$).did. or ((US-20070095802-$ or US-20030019850-$ or US- 20070095804-$ or US- 20080121627-$ or US- 20020134772-$ or US- 20030006221-$).did. or	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/04/16 17:08

(US-6498319-$ or US-
5008510-$ or US-
4032743-$ or US-
5073687-$ or US-
5093548-$ or US-
5103073-$ or US-
5126532-$ or US-
6462306-$ or US-
4789770-$ or US-
4839497-$ or US-
6580055-$ or US-
4820899-$ or US-
4501787-$ or US-
4536108-$ or US-
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4044222-$ or US-
4532400-$ or US-
4544442-$ or US-
4504727-$ or US-
4653903-$ or US-
7518087-$ or US-
6710293-$ or US-
6239406-$ or US-
5523543-$ or US-
6937921-$ or US-
6122564-$).did. or (US-
6191382-$ or US-
5662822-$ or US-
5168454-$ or US-
RE31042-$ or US-
4201905-$ or US-
6423933-$ or US-
5906760-$ or US-
5751588-$ or US-
6562698-$ or US-
6675057-$ or US-
6748001-$ or US-
6773261-$ or US-
6827988-$ or US-
6881923-$ or US-
7014209-$ or US-
7057132-$ or US-
7075688-$ or US-
7248278-$ or US-
6677553-$ or US-
5196672-$ or US-
4520261-$ or US-
7511247-$ or US-
5338645-$ or US-
4770824-$ or US-
4922077-$ or US-
6771300-$ or US-
6281471-$).did. or (US-
5054912-$ or US-
5191187-$).did. or (JP-
03234609-$ or JP-
08094949-$).did. or (WO-
2005044505-$ or US-
4044222-$).did.

S218	30	S217 and wafer	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/04/16 17:08
S219	10	S218 and dies	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/04/16 17:11
S220	2	("20030006221").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/16 20:28
S221	3	("6562698").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/20 13:54
S222	2	("5338645").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/20 16:29
S223	91	(US-20070289957-$ or US-20080310991-$ or US-20080073438-$ or US-20060099810-$ or US-20050240299-$ or US-20020056291-$ or US-20040024485-$ or US-20040222197-$ or US-20060091126-$ or US-20060054605-$ or US-20050199598-$ or US-20030222057-$ or US-20020190435-$ or US-20020149136-$ or US-20050067391-$ or US-20050174230-$ or US-20050180482-$ or US-20090057281-$ or US-20080296275-$ or US-20090065902-$ or US-20090070887-$ or US-20080035614-$ or US-20080035618-$ or US-20090095722-$ or US-20090097514-$ or US-20030052104-$).did. or (US-20070095802-$ or US-20030019850-$ or US-20070095804-$ or US-20080121627-$ or US-20020134772-$ or US-20030006221-$).did. or (US-6498319-$ or US-5008510-$ or US-4032743-$ or US-5073687-$ or US-	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/04/21 15:45

		5093548-$ or US-5103073-$ or US-5126532-$ or US-6462306-$ or US-4789770-$ or US-4839497-$ or US-6580055-$ or US-4820899-$ or US-4501787-$ or US-4536108-$ or US-4240094-$ or US-4044222-$ or US-4532400-$ or US-4544442-$ or US-4504727-$ or US-4653903-$ or US-7518087-$ or US-6710293-$ or US-6239406-$ or US-5523543-$ or US-6937921-$ or US-6122564-$).did. or (US-6191382-$ or US-5662822-$ or US-5168454-$ or US-RE31042-$ or US-4201905-$ or US-6423933-$ or US-5906760-$ or US-5751588-$ or US-6562698-$ or US-6675057-$ or US-6748001-$ or US-6773261-$ or US-6827988-$ or US-6881923-$ or US-7014209-$ or US-7057132-$ or US-7075688-$ or US-7248278-$ or US-6677553-$ or US-5196672-$ or US-4520261-$ or US-7511247-$ or US-5338645-$ or US-4770824-$ or US-4922077-$ or US-6771300-$ or US-6281471-$).did. or (US-5054912-$ or US-5191187-$).did. or (JP-03234609-$ or JP-08094949-$).did. or (WO-2005044505-$ or US-4044222-$).did.				
S226	3	(frequency adj range) and S223	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/04/21 15:48

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